

SEQUENCE LISTING

<110> Yen Choo, et al.
 <120> Regulated Gene Expression in Plants
 <130> 674538-2001
 <160> 21
 <170> PatentIn version 3.0
 <210> 1
 <211> 17
 <212> DNA
 <213> Artificial Sequence
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 <211> 10
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 <223> plant translational initiation context sequence
 <400> 2
 gtcgaccatg 10
 <210> 3
 <211> 60
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 <400> 3
 ctctgtcagt tggacctgtg ccatggccgg ctgggccgca tagaatggaa caactaaagc 60
 <210> 4
 <211> 995
 <212> DNA
 <213> Artificial Sequence
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 <223> translational initiating ATG

<220>
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 <222> (16)..(416)
 <223> Fingers 1 to 4 of TFIIIA

<220>
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 <222> (308)..(416)
 <223> spacer

<220>
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 <222> (417)..(689)
 <223> three fingers of zinc fingers protein Zif268

<220>
 <221> misc_feature
 <222> (701)..(722)
 <223> Nuclear Localization Signal

<220>
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 <222> (957)..(986)
 <223> c-myc tag

<400> 4
 tctagagcgc cgccatggga gagaaggcgc tgccggtggt gtataagcgg tacatctgct 60
 ctttcgccga ctgcggcgct gcttataaca agaactggaa actgcaggcg catctgtgca 120
 aacacacagg agagaaacca ttccatgta aggaagaagg atgtgagaaa ggctttacct 180
 cgcttcatca ottaaccgc cactcactca ctcatactgg cgagaaaaac ttcacatgtg 240
 actcggatgg atgtgacttg agatttacta caaaggcaaa catgaagaag cactttaaca 300
 gattccataa catcaagatc tgcgtctatg tgtgccattt tgagaactgt ggcaaagcat 360
 tcaagaaaca caatcaatta aaggttcatc agttcagtca cacacagcag ctgccgtatg 420
 cttgccctgt cgagtcctgc gatgccgct tttctcgctc ggatgagctt acccgccata 480
 tccgcatcca cacaggccag aagcccttcc agtgtcgaat ctgcatgcgt aacttcagtc 540
 gtagtgacca ccttaccacc cacatccgca cccacacagg cgagaagcct tttgcctgtg 600
 acatttgtgg gaggaagttt gccaggagtg atgaacgcaa gaggcatacc aaaatccatt 660
 taagacagaa ggacgcggcc gactcgcagc ggaattccgg ccaaaaaag aagagaaagg 720
 tcgccccccc gaccgatgtc agcctggggg acgagctcca cttagacggc gaggacgtgg 780
 cgatggcgca tgccgacgcg ctagacgatt tcgatctgga catgttgggg gacggggatt 840

ccccggggcc gggatttacc ccccacgact ccgcccccta cggcgcctctg gatacggcgg 900
 acttcgagtt tgagcagatg tttaccgatg cccttggaat tgacgagtac ggtggggaac 960
 aaaaacttat ttctgaagaa gatctgtaag gatcc 995

<210> 5
 <211> 947
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 <213> Artificial Sequence

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 <222> (723)..(908)
 <223> transactivation domain of VP64, other features except c-myc tag (listed below) same as SEQ ID NO:

<220>
 <221> misc_feature
 <222> (909)..(938)
 <223> c-myc tag, other features except transactivation domain VP64 (listed above) same as SEQ ID NO:

<400> 5
 tctagagcgc cgccatggga gagaaggcgc tgccggtggt gtataagcgg tacatctgct 60
 ctttcgccga ctgcccgcgt gcttataaca agaactggaa actgcaggcg catctgtgca 120
 aacacacagg agagaaacca tttccatgta aggaagaagg atgtgagaaa ggctttacct 180
 cgcttcacga cttaaccgcg cactcactca ctcatctgg cgagaaaaac ttcacatgtg 240
 actcggatgg atgtgacttg agatttacta caaaggcaaa catgaagaag cactttaaca 300
 gattccataa catcaagatc tgcgtctatg tgtgccattt tgagaactgt ggcaaagcat 360
 tcaagaaaca caatcaatta aagggttcac agttcagtc cacacagcag ctgccgtatg 420
 cttgccctgt cgagtcctgc gatcgccgct tttctcgctc ggatgagctt acccgccata 480
 tccgcatcca cacaggccag aagcccttcc agtgtcgaat ctgcatgctg aacttcagtc 540
 gtagtgacca ccttaccacc cacatccgca ccacacagg cgagaagcct ttgacctgtg 600
 acatttgtgg gaggaagttt gccaggagtg atgaacgcaa gaggcatacc aaaatccatt 660
 taagacagaa ggacgcggcc gcactcgagc ggaattccgg cccaaaaaag aagagaaagg 720
 tcgaacttca gctgacttcg gatgcattag atgactttga cttagatatg ctaggatctg 780
 acgcgctaga cgatttcgat ctggacatgt tgggcagcga tgctctagac gatttcgatt 840
 tagatatgct tggctcggat gccctggatg acttcgacct cgacatgctg tcaagtcagc 900
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<210> 6
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<212> DNA
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<220>
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 <222> (1)..(14)
 <223> plant translational initiation context sequence

<400> 6
 aaggagatat aaca

14

<210> 7
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> protein_bind
 <222> (1)..(29)
 <223> target DNA sequence

<400> 7
 tgcgtgggcg tgtacctgga tgggagacc

29

<210> 8
 <211> 35
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)..(35)
 <223> forward primer

<400> 8
 ccacgcgtcc atgggagaga aggcgctgcc ggtgg

35

<210> 9
 <211> 44
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)..(44)
 <223> reverse primer

<400> 9
 ccactagtcc ttacagatct tcttcagaaa taagtttttg ttcc

44

<210> 10
 <211> 148
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)..(148)
 <223> Sense strand primer

<400> 10
 cctctagatc ggtctcccat ccaggtacac gccacgcaa gtcggtctcc catccaggta 60
 cagccccacg caagtgggtc tcccatccag gtacacgcc acgcaagtcg gtctcccatc 120
 caggtacacg cccacgcaag aagcttcc 148

<210> 11
 <211> 148
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)..(148)
 <223> antisense strand primer

<400> 11
 ggaagcttct tgcgtgggcg tgtacctgga tgggagaccg acttgctgg gcgtgtacct 60
 ggatgggaga ccgacttgcg tgggctgta cctggatggg agaccgactt gcgtgggcgt 120
 gtacctggat gggagaccga tctagagg 148

<210> 12
 <211> 45
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)..(45)
 <223> forward primer

<400> 12
 ccagatctgg tctcccatcc aggtacacgc ccacgaaga tctcc 45

<210> 13
 <211> 46
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)..(46)
 <223> reverse primer

<400> 13
 ggagatcttg cgtgggcgtg tacctggatg ggagaccaga tctcgg 46

<210> 14
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)..(34)
 <223> forward primer

<400> 14
 ccccatggtg agcaagggcg aggagctgtt cacc

34

<210> 15
 <211> 35
 <212> DNA
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<220>
 <221> misc_feature
 <222> (1)..(35)
 <223> reverse primer

<400> 15
 ccgaattctt acttgtacag ctggtccatg ccgag

35

<210> 16
 <211> 28
 <212> DNA
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<220>
 <221> misc_feature
 <222> (1)..(28)
 <223> forward primer

<400> 16
 ccctcgagcg gggtaccgcg ggcccggg

28

<210> 17
 <211> 30
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> misc_feature
 <222> (1)..(30)
 <223> reverse primer

<400> 17
 cagttggaat tctagagtcg cggccgctac

30

<210> 18
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<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(38)

<223> forward primer

<400> 18

ccgctcgagg cccccccgac cgatgtcagc ctggggga

38

<210> 19

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(38)

<223> reverse primer

<400> 19

ccgctcgagt attaatttga gaatgaacaa aaaggacc

38

<210> 20

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(38)

<223> forward primer

<400> 20

gccattaatc ggaatgggag agaagggcgt gccggtgg

38

<210> 21

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(32)

<223> reverse primer

<400> 21

gcctattaat ttgagaatga acaaaaagga cc

32